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1905

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U.S. Department of Agriculture

Advertising pages only.

ALEGRIA!

Catalog of seeds & plants

VOLUME I. Number 1.

National City, California, May 1905.

Issued monthly by the Alegria Association, Post Office Box No. 283.

ALEGRIA: a monthly magazine of natural science: 20 cents a copy, \$2.00 a year in advance. Issued by the Alegria Association, P. O. box 283, National City, California.

CACTI.

We will collect to order the following California cacti and succulent plants:—

CEREUS EMORYI E.

San Diego's Velvet Cactus. This is one of the best-known of California cacti, the slender, thickly-set yellowish spines giving it a peculiarly beautiful appearance. The spines on the young joints are shorter, soft and flexuous; the flowers are yellowish, followed by a small edible fruit.

Plants 50 cents to \$5.00 each.

ECHINOCACTUS POLYANCISTRUS EB

The Hermit cactus, so-called because it is rare to find more than one in a place, is a strikingly beautiful cactus which I have seen only on the Mohave desert in its wild state. The largest plant I have seen is 18 inches high and 4 inches in diameter; each tubercle bears three to seven hooked, round, brownish-pink spines, with which are interspersed fewer ivory white spines, not hooked, very pleasing in contrast. Flower over 2 inches long, of equal width, petals bright magenta, green at base, filaments and stigmata green, anthers white. They were once catalogued at \$15 apiece, and are still rare in collections, unfortunately seldom long surviving transplanting from their native sands. Too much moisture soon proves fatal.

\$5 to \$25—orders booked for next trip to the Mohave desert.

ECHINOCACTUS POLYCEPHALUS E.

Heads many from a single base, $\frac{1}{4}$ -2 $\frac{1}{2}$ feet high, globose to cylindric, ribs 13-21, acute; circular areolae bearing 8-12 stout compressed annulated curved reddish

gray spines, all radial, or 4 stouter central ones; flowers enveloped in a mass of dense white wool, $1\frac{1}{2}$ inches long, petals about 30, lance-linear, yellow; about 100 rigid dark pointed sepals upon the ovary, hidden in the wool, those of the tube similar and equally numerous; stigmas 8-11, linear; fruit dry, full of angular wrinkled and minutely tuberculate seeds 4 mm long. Gravelly soil on the Mohave and Colorado deserts, in California, flowering in F, fruiting in Mr.

Orders booked at \$1; clusters at 75c. a head.

E. viridescens, 20c. to \$3 each.

Mammillaria dioica, 15c. to \$2.

M. phellosperma, fine, orders booked \$1

OPUNTA BASILARIS Engelm.

Variety RAMOSA Parish.

OPUNTIA BERNARDINA Engelm.

"Loosely branched shrub, 2-4 ft high, several stemmed from the base; joints cylindrical, 3-12 in. long, with a slight scurfy pubescence, never deciduous; tubercles of the younger joints oblong and very prominent, shorter and less marked on the older; spines yellow, $\frac{1}{4}$ -lin. long, 1 or 2 usually longer and stouter than the others; fls in a dense cluster at the ends of the previous year's joints; inner segments of the perianth yellow, outer greenish, or dull red; fr ovate, less than an inch long, deeply umbilicate, the tubercles bearing a single short spine, becoming at length dry, and only then deciduous, usually fertile, but few-seeded; seed flat, $\frac{1}{4}$ in. in diam, the raphe channelled." Parish, Torr et al 19:92. Dry hills and mesas, SBer.

OPUNTIA BIGELOVII Engelm.

OPUNTIA CHLOROTICA Engelm.

OPUNTIA ENGELMANNI Salm-Dyck.

OPUNTIA PROLIFERA Engelm.

OPUNTIA SERPENTINA Engelm.

OPUNTIA TESSELLATA Engelm.

Opuntia cuttings 25 cents each.

DUDLEYA PULVERULENTA.

Britton & Rose, NY bot gar b 3:12, based on

"Echeveria pulverulenta (Nutt. ! mss.): lvs spatulate, acuminate, very pulverulent; those of the leafy stem gradually diminishing to bracts, broadly cordate, clasping; panicle dichotomous, fastigiate;

ALEGRIA—avertising page 2.

the pedicels rather longer than the (pale scarlet) fls; calyx about half the length of the connivent petals. St. Diego, California. Fl'ng the second year in May. Stem 2-3 ft high, leafy. Pedicels nodding. Petals pale scarlet or coral-color. Carpels linear-lanceolate. Seeds numerous, subulate. Nuttall.—"Torr & Gray, Fl N Am 1:560 (1840).

?*Cotyledon pulverulenta* Baker in Saund Refug Bot 1:t 66 (1869).

?*Echeveria argentea* Lem, Ill Hort 10: 78 (1863).

Plants 50 cents to \$2.00 each.

DUDLEYA LANCEOLATA.

Britton & Rose, NY bot gard b 3:23, based on

"*Echeveria lanceolata* (Nutt. ! mss.): 'rosulate radical lvs lanceolate, acuminate, a little pulverulent; stem scariform, with small and distant clasping cordate lvs; panicle fastigiate, dichotomous; the fls (red and yellow) on very short pedicels; segments of the calyx ovate, obtuse, much shorter than the petals. St. Diego, California, with (*E. pulverulenta*). A smaller plant.'—"Torr & Gray, Fl N Am 1:561 (1840).

Cotyledon lanceolata Benth & Hook, Brewer & Watson, Bot Cal 1:211 (1876).

Plants ten to fifty cents each.

STYLOPHYLLUM EDULE.

Britton and Rose, NY bot gard b 3:36, based on

"*Sedum edule* (Nutt. ! mss.): 'caespitose; lvs terete, subulate at the apex, dilated at the base, glaucous; scape paniculately branched above, the branches cymose; fls nearly sessile, decandrous; pet lanceolate, acute, about twice the length of the lanceolate sep. Edges of rocks and ravines, St. Diego, California. Scapes a ft high, with a few short and distant subulate lvs; the radical lvs 3-4 inches long, succulent. Fls. numerous, rather large. Scales at the base of the carpels 0. A remarkable species, allied apparently to *Echeveria teretifolia*, but with white fls tinged with green, the pet wholly distinct, etc. The numerous scapes are gathered and eaten while young by the savages.' Nuttall."—"Torr & Gray, Fl N Am 1:560 (1840).

Cotyledon edulis Brewer, Bot Cal 1:211 (1876)

'Ladies' Finger Tips,' so-called from the round, slender leaves, said to have been eaten as a salad by the Indians.

Plants 50 cents to \$1.00 each.

STYLOPHYLLUM ORCUTTII.

"Resembling *S. attenuatum* in its foliage and habit, but stouter and very glaucous; cor-tube much shorter and shorter even than the calyx, the lobes broader, and more keeled, segments rose-colored, not at all tinged with yellow; calyx-lobes obtusish; anthers red."—Rose, NY bot gard b 3:36, SD; Todos; Coronado Islands.

Cotyledon orcuttii Greene; Or, W Am Sci 10:72.

Plants ten to fifty cents each.

A few Mexican cacti are on hand—price \$1 each when not given.

CEREUS ALAMOSENSIS Coulter.

Sina spinosa of Sonora; 2-8 feet high, 2-

10 branches from the base with joints 1-4 feet long, flexuous or decumbent, often forming arches and rooting at the joints, and thus spreading over wide areas, sometimes 100 feet in diameter or more; ribs about 7, slightly tuberculated. The bright red flowers slightly resemble those of *C. flagelliformis*.

CEREUS GRANDIFLORUS Haworth.

Miller, Gard Dictionary, ed, n 11. "The night-flowering cereus has gained a fame which entitles it to prominent notice, and plants might well be included in every garden, for its flowering is a source of interest to the least observant persons."—Castle.

Plants 50 cents each.

CEREUS GUMMOSUS Engelm.

The pitahaya agria, or cord-wood cactus, of Lower California, is noted for its large, bright, scarlet fruit, possessing a delicious flavor, pleasantly acid, like a strawberry, the pulp the color of a ripe watermelon, with the small black seeds scattered throughout. The flowers are 4 to 5 inches long, purple, and quite handsome. The stems are 4 to 10 feet high, 3 to 5 inches in diameter, armed with stout angular, blackish spines.

CEREUS NYCTICALUS Link.

Plants 30 cents each.

CEREUS SENILIS Salm.

CEREUS TRIANGULARIS Miller.

ECHINOCACTUS HEXAEDROPHORUS Lem.

Near San Luis Potosi, Mexico.

ECHINOCACTUS HORIZONTALONIUS Lem

Near San Luis Potosi, Mexico.

A rare variety from the mountains of Zacatecas, may prove new, 50c. to \$2.

ECHINOCACTUS LIMITUS Engelm.

Same as *E. viridescens*, as is the next.

ECHINOCACTUS ORCUTTII Engelm.

"Heads cylindrical, 10-18 inches in diameter in the middle, growing single or ameter and 2-3½ feet high, sometimes often caespitose, more rarely proliferous at base, with 13 when young, to usually 20 or 22 obtuse tuberculate ribs and a woolly, spineless, depressed top; spines stout, reddish, straight or recurved, all annulated, usually 9 radiating and 4 stouter central ones; flowers deep dull crimson with greenish or lighter colored margins to the petals, 2 inches long, otherwise as in *E. viridescens*; stigmata green, 16-20; fruit pulpy, crimson, scaly, with numerous small seeds."—Or W 2 :46 (Je 1886).

Type locality: Palm valley, Lower California.

ECHINOCACTUS MULTICOSTATUS Pildm.

MAMMILLARIA OTTONIS Pf.

MAMMILLARIA UNCINATA Zucc.

Other varieties are expected soon and notice will be given in future numbers as they may arrive.

SEEDS.

We have the following varieties, purchased as being of crop of 1904.

- ABIES NOBILIS Lindl.
Seeds 25c per pkt. \$2 per lb.
ACER MACROPHYLLUM Pursh.
Seeds, per packet, 10 cents.
ACER PLATANOIDES L.
Seeds 10 cents per packet.
ACER PSEUDO-PLATANUS L.
Seeds, 10 cents per packet.
ALBIZZIA PROCERA Benth.
Seeds 10 cents per packet.
ALNUS CORDIFOLIA Tenore.
Seeds, 10 cents per packet.
ALNUS INCANA Medic.
Seeds, 10 cents per packet.
ANDROMEDA ARBOREA Linnaeus.
See Oxydendrum arboreum.
ANDROMEDA "CALIFORNICA. pkt. 10c.
ARBUTUS MEENZIESII Pursh.
Seeds 10c. per packet.
ARCTOSTAPHYLOS ANDERSONII A. Gray.
Seeds 10 cents per packet.
ATRIPLEX HALIMOIDES Tineo.
Seeds 10c. per packet.
ATRIPLEX HORTENSIS Linnaeus.
Seeds 10c. per packet.
BEANS, Ataran. pkt. 5c.
BEANS, Green Neapolitan. pkt. 15c.
BROUSSENETIA PAPYRIFERA Vent.
Seeds, 10 cents per packet.
CALLICARPA AMERICANA Linnaeus.
Seeds, 10 cents per packet.
CARPINUS AMERICANA Michx.
Seeds, 10 cents per packet.
CARROT, Large Oxheart. pkt. 5c.
CARROT, Long white. pkt. 5c.
CATALPA, American. pkt. 10c.
CATALPA BIGNONIOIDES Walt.
Seeds, 10 cents per packet.
CATALPA, Japanese. pkt. 10c.
CEANOTHUS THYRSIFLORUS Eschw.
Seeds, 10 cents per packet.
CERATONIA NITIDA Gaertn.
Seeds, per packet, 10 cents.
CORNUS STOEONIFERA Michx.
Seeds 10 cents per packet.
CUCUMBER, Eskimoso. pkt., 10c.
CUCUMBER, Moravian. pkt. 10c.
CYNOGLOSSUM COLESTINUM Lindl.
See Paracaryum caelestinum.
DIOSPYRUS VIRGINIANA Linn.
Seeds 10 cents per packet.
ELDER, Box. pkt. 10c.
ERYTHEA ARMATA Watson.

The *Tecos grandes* is the fruit of the beautiful blue palm of Lower California, and forms an important article of food with the Indians, ripening in July and August. The fruit is the size of a common marble, with sweet mealy pulp surrounding the large stone ($\frac{1}{2}$ inch in diameter). The tree grows 40 feet high, bearing its fan-shaped glaucous leaves in a very graceful manner. This palm was first found in the Cantillas canyon, Lower California, which opens out onto the Colorado desert, by Dr. Edward Palmer.

Dr. J. N. Rose has since found it in Mexico, east of Mazatlan, I believe. The seeds require from six months to three years in which to germinate—the older seeds germinating more quickly than when fresh from the tree. I have had them germinate readily when over ten years old.

♂ 1b \$2; old but good seed \$1.

ERYTHEA EDULIS Watson.

♂ 1b \$1

HESPEROYUCCA WHIPPLEI Baker.

Seeds 10 cents per packet.

GHERKIN, New Golden. pkt. 5c.

GOURD, Giant. pkt. 10c.

LAURUS BENZOIN Linnaeus.

LITHOSPERMUM PILOSUM Nutt.

Seeds, 10 cents per packet.

LONGICERA HISPIDULA Douglas.

Seeds, 10 cents per packet.

MANZANITA.—See *Arctostaphylos*.

MANZANITA, Prostrate. pkt. 10c.

MAPLE, Scarlet. pkt. 10c.

MELON, Australian sugar. pkt. 5c.

NEMOPHILA INSIGNIS Benth.

Seeds, per packet, 5 cents.

Variety ALBA. pkt. 5 cents.

Variety PURPUREA. pkt. 5 cents.

OXYDENDRUM ARBOREUM D C.

Andromeda arborea Linnaeus.

Seeds, 10 cents per packet.

PARACARYUM CAELESTINUM B. & H.

Cynoglossum caelestinum Lindl.

PEA, Tall gray sugar. pkt. 10c.

PEPPER, Bell. pkt. 5c.

PHOENIX CANARIENSIS Hort.

The Canary Islands date palm is an elegant, hardy, ornamental species, often planted in Southern California lawns.

Seeds 10c. a packet, \$1.00 per 100.

PHOENIX DACTYLIFERA Linn.

The well known date palm of northern Africa and Arabia, is often planted for quick tropical effect in Southern California, where space permits its luxuriant growth. On the Colorado Desert and in Arizona this palm has been planted more extensively, with a promise of becoming of commercial importance for its fruit.

Seeds 50 cents per 100.

PHOENIX RUPICOLA Anders.

PICEA PUNGENS Engelmann.

Seeds, 25 cents per packet.

PINUS CEMBROIDES Zuccarini.

Small, round-headed trees of Arizona and northern Mexico; cones small; seeds very large, hard-shelled, largely used for food in Mexico. Lvs slender, mostly in 2's, Pinyone.

Seeds \$4 per lb., 25 cents per pkt.

PINUS MURICATA Don.

A small pine, growing near San Isidro, in Lower California, not known from San Diego county, is found, only near the coast, as far north as Mendocino—where it grows 50 to 80 or 120 feet high. At San Isidro trees only 3 feet high were perfecting cones, which are said to persist over 30 years on the tree.

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The leaves are in pairs. The cones are sessile, ovate, about 3 inches long, with stout prickles on the outside. The cones occurring in whoils around the stem, and remaining closed for many years, are one of the curiosities of California botany.

Cones 10 cents each.

RHAMNUS TOMENTELLA Benth.

Seeds 25 cents per packet.

RHUS INTEGRIFOLIA Nuttall.

Seeds, 10 cents per packet.

RHUS OVATA S. Watson.

The Sugar-bush is a handsome evergreen shrub, noted for its glossy foliage and graceful, oval form. The small dark red berries make a cooling drink, pleasantly flavored, resembling lemonade, and when dry are covered with a thin, waxy, white substance, that is very sweet, which the Indians are said to have formerly gathered for sugar.

Seeds 10 cents per packet.

ROMNEYA COULTERI HARVEY.

Half-hardy shrub, 6-15 ft high, branching and flexuous, woody at base: lvs glaucous, thickish, petioled, 3-5 in. long, the lower ones pinnatifid, upper ones pinnately toothed; petioles and margins often sparingly ciliate with rigid spinose bristles: the magnificent wax-like fls 6-9 in. across; pet broadly obovate; fil $\frac{1}{2}$ in. long, bright yellow, purple at base; capsule oblong, $\frac{1}{2}$ in. long, obscurely many angled, hispid with appressed bristles and crowned with the persistent stigmas: sds black, a line or less long. Matilija poppy, named in honor of T. Romney Robinson, a noted astronomer. Ventura Co. Baja!

Seeds, per oz. 50.; per lb. \$6. Plants \$1.

ROSA MINUTIFOLIA Engelm.

Very spiny and prickly: stipules short, narrow; leaflets very small: fls small, solitary, on very short pedicels, fruit globose, densely prickly. Todos Santos bay, Baja Cal., south.

SPINACH, New Zealand. pkt. 5c.

SQUASH, Italian vegetable marrow. pkt. 5c.

SQUASH, White Cocozella. pkt. 10c.

SQUASH, White marrow, striped. pkt. 5c.

SQUASH, Zucchini. pkt. 15c.

TOMATO, Golden Queen. pkt. 5c.

VIBURNUM ACERIFOLIUM L.

Seeds, 15 cents per packet.

VIBURNUM NUDUM L.

Seeds, per packet, 5 cents.

VITEX AGNUS-CASTUS Linnæus.

Seeds, 10 cents per packet.

VITIS CALIFORNICA Benth.

WATERMELON, Improved Cuban Queen.

pkt. 5c.

YUCCA WHIPPLEI Torr.

See Hesperoyucca Whipplei.

We wish to book orders for:—

Cedra scandens, 7 lb \$2

CUPRESSUS GUALALUPENSIS S. Wat.

The blue cypress is a handsome, slen-

der tree, 40 to possibly 60 feet high, with beautiful exfoliating reddish bark and glaucous foliage, first discovered on Guadalupe island, and later found in rocky canyons near Ensenada, on the mainland. It proves not rare in some of the canyons near the international boundary, and Perish records it in "ravines near the Old Mission, San Diego, not abundant" (Zoe., 4:352). Its graceful habit and compact growth makes it one of the most ornamental species in the genus.

EMMENANTHE PENDULIFLORA Benth.

ERYTHRINA CRISTI—GALLI Linn.

ESCHSCHOLTZIA CALIFORNICA Cham.

EUCALYPTUS CITRIODORA Hook.

EUCALYPTUS CORYNOCALYX Muell.

EUCALYPTUS FICIFOLIA Muell.

EUCALYPTUS GLOBULUS Labill.

EUCALYPTUS ROBUSTA Sm.

EUCALYPTUS ROSTRATA Schlecht.

FIGUS ELASTICA Roxb.

HOWEA BELMOREANA Becc.

Lord Howe's Island.

HOWEA FORSTERIANA Becc.

IPOMAEA VERSICOLOR Meisn.

Mina lobata Cerv. 1824.

Seeds 15 cents per packet.

Kentia Belmoreana F. Muell. Fragm 7:

99, is Howea Forsteriana.

LIBOCEDRUS DECURENS Torrey.

MELIA AZEDARACH Linn.

MINA LOBATA Cav.

See Ipomea versicolor.

NICOTIANA GLAUCA R. Grah.

PHOENIX RECLINATA Jacq.

One of the hardiest and strongest growing date palms, withstanding sun and wind in the most exposed positions, and valued for its dark green, feathery foliage.

PHOENIX SYLVESTRIS Roxb.

Phoenix tenuis Versch Cat (1869) 13, is P. canariensis.

PSEUDOTSUGA DOUGLASII Carr.

See Pseudotsuga taxifolia.

PSEUDOTSUGA TAXIFOLIA Britton.

Pseudotsuga Douglasii Carriere, 1855.

Pinus Taxifolia Lambert, 1803.

Douglas spruce, commercially known as Oregon pine, Douglas fir, or red or yellow fir. Large and valuable trees, forming the larger part of the great forests about Puget Sound southward, 300 to 400 ft high, 10-12" in diam: cones narrow, 2-3 $\frac{1}{2}$ " long, the feather-like bracts protruding $\frac{1}{2}$ - $\frac{3}{4}$ ".

Seeds \$3 per lb., per 100 lbs. \$2.25.

RHAMNUS CALIFORNICA Esch.

Genus SEQUOIA Endl.

SEQUOIA GIGANTEA Decaisne.

Giant Sequoia. Estimated to have attained a life period of four or five thousand years. 300-400' high, 30-40" in diam.

Seeds \$6 per lb.

SEQUOIA SEMPERVIRENS Endl.

Redwood. A famous tree, growing near the coast only from Monterey bay to the Oregon boundary.

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Seeds, \$2 per lb.

Genus TAXUS Tournefort.

TAXUS BREVIFOLIA Nutt.

Pacific Yew. Small trees growing along streams of British Columbia, south to the Santa Cruz mts, Cal. Lvs small, in 2 ranks. Wood tough and elastic.

Seeds, \$6 per lb.

Genus TORREYA Arnott.

TORREYA CALIFORNICA Torr.

See Tumion Californicum.

TUMION CALIFORNICUM Greene.

Torreya Californica Torrey.

California Nutmeg.

False nutmeg. Singular trees of four species, found in Japan, China, Florida, and California respectively. Foliage of a heavy, disagreeable odor; fr resembling the nutmeg of commerce in both exterior and interior appearance, but having none of its qualities. Sd large, solitary.

Seeds, 75c. per lb.

	Per lb.
Abies Douglasii	\$ 2.00
Menziesii	2.50
Acer saccharinum75
Alnus glandulosus60
Arctostaphylos Manzanita	2.00
Calycanthus floridus	2.00
Carpinus Americana	1.00
Catalpa speciosa	1.50
Ceratonia siliqua	1.50
Cercis Canadensis75
Cupressus Goveniana	\$5.00
macrocarpa	4.00
guadalupensis	2.25
Fremontia Californica	8.00
Heteromeles arbutifolia	1.00
Ilex opaca, dried berries	1.00
Lathyrus splendens, oz. \$1	10.00
Libocedrus decurrens	2.00
Magnolia glauca, dried berries	1.50
grandiflora, d. b.	1.50
Pinus Coulteri	2.00
insignis	1.50
Lambertiana	2.00
monophylla	1.50
muricata	3.00
Parryana	3.00
Pinus Sabiniana	1.50
Torreyana	3.00
Platanus occidentalis75
racemosus	1.00
Rhus integrifolia	1.00
Rhus ovata: sugar tree	3.00
Schinus molle	1.00
Tecoma radicans	1.00
Yucca arborescens, oz. \$1	10.00
Mojavensis, oz. \$1	10.00

ORCHIDS.

These plants are collected for us to order, and may be shipped from April to June or in October and November. Orders should reach us before March 1. Prices on these and other American species given on application.

ACINETA BARKERI Lindley.
Brassavola glauca Lindley, Bot Reg (18'9)
Misc 47 is Laelia glauca.
BRASSIA VERRUCOSA Batem.
CATLEYA CITRINA Lindley.

CHYSIS AUREA Lindley.

CHYSIS BRACDESCENS Lindley.

EPIDENDRUM FALCATUM Lindl.

EPIDENDRUM MEMORALE Lindl.

EPIDENDRUM VITELLINUM Lindl.

LAELIA ALBIDA Batem.

LAELIA ANCEPS Lindley.

LAELIAAUTUMNALIS Lindley.

LAELIA GRANDIFLORA Lindley.

L. majalis Lindley, Bot Reg (1839) Misc

35.

LYCASTE AROMATICA Lindley.

LYCASTE DEPPEI Lindley.

ODONTOGLOSSUM BICTONIENSE

Lindl.

O. CERVANTESII La Llave & Lex.

O. CITROSMUM Lindley.

O. CORDATUM Lindley.

O. INSLEAYI Lindley.

O. MACULATUM La Llave.

O. NEBULOSUM Lindley.

O. REICHENHEIMII Linden & Reichb.

O. ROSSII Lindley.

O. CAVENDISHIANUM Batem.

ONCIDIUM CERULEA Sw.

ONCIDIUM INCURVUM Barker.

O. ORNITHORYNCHUM HBK.

O. TIGRINUM La Llave & Lex.

167 TRANSLUCENT FABRIC.

A useful nonbreakable substitute for glass for skylights, porches, windows (where view is not desired), bungalows, etc. All sheets are 3 feet 3 inches wide, made in the following lengths:—

4 ft. 6 inches=	14.625 sq. ft.	\$3.00
4 ft. 6 inches=	14.625 sq. ft.	\$3.00
5 ft. 3 inches=	17.0625 sq. ft.	\$3.50
6 ft. 3 inches=	20.3125 sq. ft.	\$4.20
7 ft. 3 inches=	23.5625 sq. ft.	\$4.80
8 ft. 3 inches=	26.8125 sq. ft.	\$5.40
9 ft. 0 inches=	29.25 sq. ft.	\$6.00

Prices f. o. b. manufactory in Massachusetts.

200 sq. ft. or more, f. o. b. San Diego, California.

Terms, cash with order.

LILIES FROM NEAR AND FAR.

Twenty-five at the rate per 100; less than 25 at double these rates; 1000 of a kind at one-third discount.

	Per 100.
Allium haematociton Watson: fine.....	\$ 1 00
Allium crispum	1.50
Hickmanii	1.50
serratum	1.50
hyalinum	1.50
Agapanthus umbellatus	5.00
Amaryllis formosissima	5.00
BESSERA ELEGANS Schult.	
Per doz. bulbs 35 c.; \$2.50 per 100; \$20 per 1000.	

Genus BLOOMERIA Kellogg.

BLOOMERIA AUREA Kellogg.

Bulbs \$2.25 per 100; \$15.00 per 1000.

BLOOMERIA CLEVELANDI S. Wats.

"Differing from B. aurea in the several very narrow leaves (1" wide or less), in the stouter scape (3-7" high), in having the thick and fleshy appendage at

the base of the filament smooth instead of papillose, and obtuse at the summit instead of bicuspidate, and in the much shorter style, which is shorter than the ovary. On the mesas near San Diego, California; first collected by D. Cleveland, in 1874, and recently received from him and from C. R. Orcutt."—S. Watson, Proc. Am. Acad., xx. 376 (Feb. 21, 1885).

Bulbs \$3.00 per 100; \$20.00 per 1000.

BLOOMERIA MONTANA Greene.

"Corm 1' broad; leaf solitary; scape 2' high, stout and scabrous; bracts numerous, lanceolate; pedicels 30-50, 1-2' long; perianth rotate, 1' in diameter; appendage at base of filament 1" long, its lateral cusps subulate-filiform, $\frac{1}{2}$ as long as the filaments; anthers linear, $\frac{1}{12}$ " long, attached almost at the very base, but versatile."—Greene, Bull. Cal. Acad. Sci., ii. 10-11 (Dec. 14, 1885).

Genus **BRODIAEA** Smith.

BRODIAEA BRIDGESII S. Watson.

Bulbs \$2.25 per hundred.
Brevoortia Ida-Maia, Wood. Firecracker 2.25

BRODIAEA CALIFORNICA.

Bulbs \$2.25 per 100; \$15.00 per 1000.

BRODIAEA CANDIDA.

Bulbs \$4.50 per hundred.

BRODIAEA CAPITATA Benth.

Bulbs \$1.50 per 100; \$10.00 per 1000.

Variety ALBA. Fls waxy white.

Bulbs \$3.00 per hundred.

BRODIAEA COCCINEA A Gray.

Bulbs \$2.25 per 100; \$15.00 per 1000.

BRODIAEA CONGESTA Sm.

congesta: violet purple, 2 to 3 ft. high. 1 50

BRODIAEA CROCEA S. Watson.

BRODIAEA DOUGLASII S. Watson.

Bulbs \$4.50 per hundred.

BRODIAEA EASTWOODIAE.

Habit of B. peduncularis; umbel as in B. linear; flowers pure white; introduced 1905.

Bulbs \$4.50 per hundred.

BRODIAEA FILIFOLIA S. Watson.

filifolia, S. Watson. Lavender color..... 3.00

BRODIAEA GRACILIS S. Watson.

gracilis, S. Watson..... 6.00

BRODIAEA GRANDIFLORA Smith.

Bulbs \$1.50 per 100; \$10.00 per 1000.

Hendersonii, S. Watson..... 6.00

BRODIAEA HOWELLII S. Watson.

Bulbs \$4.50 per hundred.

Variety LILACINA.

Howellii lilacina..... 4.50

BRODIAEA IXIODES S. Watson.

Variety ERECTA. Dwarf form, with odd, yellowish, fls, with almost black midvein.

Bulbs \$2.25 per hundred.

v. minor, Hort. dwarf, yellow, banded 2.25

Variety SPLENDENS

Bulbs \$1.50 per 100; \$10.00 per 1000.

BRODIAEA LACTEA S. Watson.

Bulbs \$1.00 per 100; \$6.65 per 1000.

Variety LILACINA. Stronger growing than the type; fls lilac-purple.

Bulbs \$2.25 per hundred.

BRODIAEA LAXA S. Watson.

Bulbs \$1.50 per 100; \$10.00 per 1000.

BRODIAEA LEMONAE S. Watson.

BRODIAEA MINOR S. Watson.

minor: fine royal purple umbels..... 2 25

BRODIAEA MULTIFLORA Benth

multiflora: umbels of violet flowers.... 1 50

v. parviflora: color of English violets.. 1 50

BRODIAEA PEDUNCULARIS S. Wat.

Bulbs \$2.25 per 100; \$15.00 per 1000.

BRODIAEA PURDYL.

Bulbs \$3.00 per 100.

BRODIAEA ROSEA.

Bulbs \$3.00 per hundred.

BRODIAEA STELLARIS S. Watson.

Bulbs \$2.25 per 100; \$15.00 per 1000.

BRODIAEA TERRESTRIS Kellogg.

Bulbs \$2.25 per 100; \$15.00 per 1000.

BRODIAEA VOLUBILIS.

Bulbs \$2.25 per 100; \$15.00 per 1000.

mixed varieties \$6 per 1000..... 90

Genus **CALOCHORTUS** Pursh.

CALOCHORTUS APICULATUS Bak.

CALOCHORTUS ALBUS Dougl.

Bulbs \$1.50 per 100; \$10.00 per 1000.

Variety "THE PEARL."

Bulbs \$2.25 per hundred.

CALOCHORTUS AMABILIS.

Bulbs \$1.50 per 100; \$10.00 per 1000.

CALOCHORTUS AMOENUS.

Bulbs \$3.00 per 100; \$20.00 per 1000.

CALOCHORTUS AUREUS S. Watson.

"Low, 4-6" high, with a single linear earinate radical leaf, 3-4" long; scape short, 1-2-flowered, the single pair of bracts linear, 2" long; sepals greenish -y., with a dark-p. spot near the base, oblong—or ovate-lanceolate; petals broadly cuneate, 15" long, bright-y., with a small, well-defined circular densely hairy gland near the base and a lunate purplish spot above it; young capsule narrowly oblong, not winged. On sand-cliffs, Southern Utah (Mrs. E. P. Thompson); June."—S. Watson, Amer. Natl., vii. 7 (May, 1873).

CALOCHORTUS BARNARDI Dougl.

Baylardiatus: drooping purple and yel. 8 00

CALOCHORTUS BENTHAMII Baker.

Bulbs \$1.50 per 100; \$10.00 per 1000.

CALOCHORTUS BONPLANDIANUS Sht

CALOCHORTUS CAERULEUS S. Wat.

CALOCHORTUS CATALINAE S. Wat.

Bulbs \$6.00 per hundred.

CALOCHORTUS CITRINUS Baker.

CALOCHORTUS CLAVATUS S. Watson

Variety "EL DORADO."

Variety "VENTURA."

Bulbs \$10.00 per hundred.

CALOCHORTUS CONCOLOR.

concolor..... 10.00

CALOCHORTUS DOUGLASIANUS Sht.

CALOCHORTUS DUNNII.

CALOCHORTUS ELEGANS Pursh.

Variety NANUS.

elegans nanus..... 4.50

CALOCHORTUS FLAVUS Schult.

flavus (Cyclobothra flava): golden shell 2 00

CALOCHORTUS FLEXUOSUS S. Wats.

"Branched and flexuous above; bracts alternate $\frac{1}{2}$ - $\frac{1}{4}$ " long, linear-lanceolate, carinate, rather rigid; sepals oblong-lanceolate, greenish with a deep-p. and orange or p. gland above, the glandular cuneate, 12-15" long, purplish, with a deep-p. claw and an ill-defined circular orange or p. gland above, the glandular hairs extending laterally to the margin; capsule triangular, narrowly oblong. Southern Utah and Northern Arizona (Mrs. E. P. Thompson); April and May. The bulbs, as of other species, are eaten by the Indians."—S. Watson, Amer. Natl.,

vil. 7 (May. 1873).

flexuosus: lilac fls. a fine butterfly tulip 10 04
CALOCHORTUS FUSCUS Schult.

CALOCHORTUS GREENEI S. Watson.
Greenei: lilac, barred with yellow..... 10.00

CALOCHORTUS GUNNISONI S. Watson
Bulbs \$4.50 per hundred.

CALOCHORTUS HOWELLII.

Bulbs \$10.00 per hundred.

CALOCHORTUS INVENUSTUS.

"Near *C. splendens*, but sepals not recurved, oblong-lanceolate with a narrow scarious margin: petals cuneate-obovate, of a dull somewhat greenish or livid white, glabrous, except a few scattered white hairs near the base, the short claw and the small lanceolate curly-hairy gland purple: filaments shorter than the anthers, these oblong-linear, truncate at apex, slightly sagittate at base."—Greene, pitt 2:71. Mts. west of Mohave Desert.

CALOCHORTUS KENNEDYI Porter.

Bulbs \$10.00 per hundred.

CALOCHORTUS LEICHTLINII Hook. J.

Bulbs \$2.25 per 100; \$15.00 per 1000.

CALOCHORTUS LILACINUS Kellogg.

Bulbs \$1.50 per 100; \$10.00 per 1000.

CALOCHORTUS LOBBII.

CALOCHORTUS LONGEBARBATUS

CALOCHORTUS LUTEUS Dougl.

CALOCHORTUS LYONI S. Watson.

"Near *C. nitidus*; stems branching and somewhat flexuous, 1-2' high, bearing several leaves and 2-4 or more solitary fl.: sepals naked, acute; petals lilac or purplish, with a darker p. sparingly brown-villous spot at base surrounding the short-oblong hairy gland, 12-20" long; anthers oblong-elliptical, obtuse, 1 1/2" long; capsule narrowly elliptical, obtuse, 3-winged, nearly 1' long. Los Angeles County, California; collected on hills near Los Angeles by W. S. Lyon and Dr. Gray, and at Newhall by Dr. Gray, in 1885."—S. Watson, Proc. Am. Acad., xxi. 455 (June 2 1886).

CALOCHORTUS MACROCARPUS Dougl.

Bulbs \$4.50 per hundred.

CALOCHORTUS MAWEANUS Lechtl

Variety MAJOR.

Bulbs \$1.50 per 100; \$10.00 per 1000.

Variety ROSEUS.

v. roseus. Hort. Pale rose tinged..... 2.25

CALOCHORTUS MONOPHYLLUS Lem.

CALOCHORTUS NITIDUS Dougl.

Bulbs \$2.25 per 100; \$15.00 per 1000.

CALOCHORTUS NUDUS. S. Watson.

nudus: dwarfish in habit, purple fls.... 4.50

CALOCHORTUS NUTTALLII Torr-Gray.

Sego Lily; quite hardy in the eastern states; fls large, pure white with handsome markings, very beautiful.

Bulbs \$3.00 per 100; \$20.00 per 1000.

CALOCHORTUS OBISPOENSIS Lemn.

Variety ROSEUS.

CALOCHORTUS PALMERI S. Watson.

CALOCHORTUS PAVONACEUS.

CALOCHORTUS PLUMMERAE Greene.

"Near *C. splendens*, but longer: sepals erect; petals as broad as long, dis-

tinctly unguiculate, forming a campanulate cup, the lamina of a rich red-purple, more than half its surface ornamented with orange-colored hairs, the gland near the base densely ciliate: anthers oblong-lanceolate, obtuse, mucronulate, 1/2 in. long, on filaments of an equal length: ovary long and narrow, almost equalling the petals."—Greene, pitt 2:70. San Bernardino Co., Cal. (Mr. and Mrs. Lemmon; Parish). Dedicated to Mrs. S. Plummer Lemmon.

Bulbs \$6.00 per hundred.

CALOCHORTUS PULCHELLUS Dougl.

pulchellus: star tulip, pendant flowers. 1 50

CALOCHORTUS PURDYI.

Bulbs \$4.50 per 100; \$30.00 per 1000.

CALOCHORTUS PUSILLUS Dougl.

CALOCHORTUS SHAESTENSIS.

CALOCHORTUS SPLENDENS Dougl.

Variety ATROVIOLOACEUS.

Bulbs \$3.00 per 100; \$20.00 per 1000.

Variety MAJOR.

Variety MONTANUS.

Bulbs \$3.00 per 100; \$20.00 per 1000.

Variety RUBRA.

Bulbs \$4.50 per 100; \$30.00 per 1000.

CALOCHORTUS TOLMIEI Hook-Arn.

Tolmiei: very large white pendant fls.. 2.25

CALOCHORTUS UMBELLATUS Wood.

umbellatus..... 4.50

CALOCHORTUS UNIFLORUS Hook-Arn.

CALOCHORTUS VENUSTULUS Greene.

CALOCHORTUS VENUSTUS Dougl.

Variety CITRINUS.

Bulbs \$1.50 per 100; \$10.00 per 1000.

Variety OCULATUS.

Bulbs \$1.50 per 100; \$10.00 per 1000.

venustus pictus, Hort..... 2.25

Variety PURPURASCENS.

Bulbs \$3.00 per 100; \$20.00 per 1000.

Variety ROBUSTA.

Variety ROSEUS.

Bulbs \$3.00 per 100; \$20.00 per 1000.

venustus sanguineus, Hort. Deep red.. 10.00

Variety SULPHUREUS.

venustus sulphureus, Hort. Clear yellow 10.00

CALOCHERTUS VESTA.

Bulbs \$3.00 per 100; \$20.00 per 1000.

Variety LACINIATA.

Bulbs \$10.00 per hundred.

Variety ROSEA.

Bulbs \$10.00 per hundred.

CALOCHORTUS VESITIS Benth.

CALOCHORTUS WEEDII Wood.

Bulbs \$4.50 per hundred.

Weedii alba: pure white..... 10.00

mixed varieties, choice selections..... 1 2P

Genus CAMASSIA Lindl.

CAMASSIA CUSICKII.

Bulbs \$6.00 per hundred.

CAMASSIA ESCULENTA Lindl.

Bulbs \$1.00 per 100; \$5.00 per 1000.

Variety ALBA. \$10.00 per 100.

CAMASSIA FRASERI Torr.

CAMASSIA LEICHTLINII S. Watson.

Bulbs \$4.50 per hundred.

CAMASSIA MONTANUM.

Bulbs \$3.00 per hundred.

Genus CHLOROGALUM Kunth

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CHLOROGALUM ANGUSTIFOLIUM K.
CHLOROGALUM LEICHTLINII Baker.
CHLOROGALUM PARVIFLORUM S. W.
CHLOROGALUM POMERIDIANUM Kt.
Clintonia Andrewsiana 25.00
Crimum Americanum 25.00
COOPERIA PEDUNCULATA Herb.
Darlingtonia Californica 12.50
Dodecatheon Clevelandii 3.00
Hendersonii 3.00

Genus ERYTHRONIUM Linnaeus.

ERYTHRONIUM ALBIDUM Nutt.
ERYTHRONIUM AMERICANUM Kr-Gt
ERYTHRONIUM CALIFORNICUM.
Bulbs \$1.50 per 100; \$10.00 per 1000.
ERYTHRONIUM CITRINUM.
Bulbs \$3 per 100; \$20 per 1000.
ERYTHRONIUM GIGANTEUM Lindl.
Bulbs \$3 per 100; \$20 per 1000.
ERYTHRONIUM GRANDIFLORUM
Bulbs \$2.25 per 100; \$15.00 per 1000.
Variety AIBUM. \$4.50 per 100.
Variety ROBUSTA. \$3 per 100.
ERYTHRONIUM HARTWEGII S. Wat.
Bulbs \$1.50 per 100; \$10.00 per 1000.
ERYTHRONIUM HOWELLII.
Bulbs \$4.50 per 100.
ERYTHRONIUM MONTANUM.
Bulbs \$3.00 per 100; \$20.00 per 1000.
Variety JOHNSONII.
Bulbs \$4.50 per 100; \$30.00 per 1000.
Variety "PINK BEAUTY." \$4.50 per 100.
Variety WATSONII.
Bulbs \$3.00 per 100; \$20.00 per 1000.
ERYTHRONIUM NUTTALLIANUM
ERYTHRONIUM PROPULLANS A. Gry
ERYTHRONIUM PURPURASCENS

Genus FRITILLARIA Linnaeus.

Bulbs \$4.50 per 100; \$30.00 per 1000.
FRITILLARIA ATROPURPUREA Nutt
FRITILLARIA BIFLORA Lindl.
FRITILLARIA COCINEA.
FRITILLARIA LANCEOLATA Pursh
FRITILLARIA LILIACEA Lindl.
FRITILLARIA MULTIFLORA Kellogg.
FRITILLARIA PARVIFLORA Torr.
FRITILLARIA PLURIFLORA Torr.
FRITILLARIA PUDICA Spreng.
FRITILLARIA RECURVA Benth.
Freesia retracta alba: seed \$3 per lb..... 60

Genus HESPEROCALLIS A. Gray.

HESPEROCALLIS UNDULATA A. Gray.
HOOKERA, ORCUTTII Greene.
"Scape stout, 1" or more high; leaves linear, flat or conduplicate, not terete; pedicels 5-15 1-2" long; perianth-segments oblong-lanceolate, twice the length of the short tube; free portion of the filaments about 2" long, the linear anthers nearly as long; staminodia wanting (?)." —Greene, Bull. Cal. Acad. Sci., ii. 138 (Nov. 13, 1886).
LEUCOCERINUM MONTANUM Nutt.

Genus LILIUM Linnaeus.

LILIUM BLOOMERIANUM Kellogg.
See L. Humboldtii var. Bloomerianum.
LILIUM BOLANDERI S. Watson.
Bulbs \$20.00 per hundred.
LILIUM COLUMBIANUM Hort.
Bulbs \$7.50 per 100; \$60 per 1000.
LILIUM KELLOGGII.
Bulbs \$30.00 per hundred.

LILIUM HUMBOLDTII R. & L.
Bulbs \$9 per 100; \$75 per 1000.
Variety BLOOMERIANUM.
Bulbs \$12.50 per hundred.
Variety MAGNIFICUM.
Bulbs \$15 per 100; \$100 per 1000.
maritimum, blood red flowers 15 00
Bulbs \$12.50 per hundred.
LILIUM OCCIDENTALE.
Variety LUTEUM.
Bulbs \$7.50 per hundred.
LILIUM WASHINGTONIANUM Kellogg.
Bulbs \$10.00 per hundred.
Variety MINOR. \$8.50 per 100 bulbs.
Variety PURPUREUM.
Bulbs \$9.00 per 100; \$75 per 1000.
LILIUM PARDALINUM Kellogg.
Bulbs \$3 per 100; \$20 per 1000.
Variety JOHNSONII. \$10 per 100.
LILIUM PARRYI S. Watson.
Bulbs \$20.00 and \$30.00 per 100.
LILIUM PARVUM Kellogg.
Bulbs \$12.50 and \$20.00 per 100.
LILIUM ROEZLI Regel.
Bulbs \$12.50 per hundred.
LILIUM RUBESCENS S. Watson.
Bulbs \$15.00 per hundred.
MILLA BIFLORA Cav.

Mexican star-flower: fls pure waxy-white, 2 in diam, usually borne in pairs on long slender stems—frequently lasting 2 weeks when cut and placed in vases of water.
Per doz. bulbs 35c.; \$2.50 per 100; \$20 per 1000.
Montbretia crocosmiaefera 1.50
Muilla maritima, small whitish flower... 3 00
Ornithogalum arabicum 15.00
Richardia Africana, calla 4 00
Sprekelia formosissima 5.00
Stropholirion Californicum, Torrey..... 4.50
Trillium sessile californicum 3 00
ovatum, white, turning to wine purple. 3 00
Valiota purpurea 10.00
Zephyranthus alba (candida) 1.0
carinata 6.00
rosea 3.00
sulphurea 5.00
Zygadenus Fremontii, creamy white fls.. 4 50
paniculatus, stouter and taller 4 50

A-LE-GRI-A

This musical Spanish word signifies Joy! Delight!! Exhilaration!!!

The Alegria Association has for its object the founding of a scientific and educational institution, which shall establish and maintain, wherever practicable, museums, libraries, gardens, scientific publications, and such other adjuncts as may further the cause of popular science and education.

Other announcements and further details of our plans will be made from time to time to those who will enroll their names and addresses as being interested.

ALEGRIA ASSOCIATION.

P. O. Box 283

... National City, California.